

CLAIMS

We claim:

1. A cash dispensing automated banking machine comprising:

at least one computer;

- 5 a cash dispenser in operative connection with the at least one computer, wherein the cash dispenser is operative to dispense cash responsive to the at least one computer;

- a printer in operative connection with the at least one computer, wherein the printer includes a printer mechanism which is operative responsive to the at least one computer to print indicia on at least one sheet, wherein the printer includes a plurality of belts
10 which are operative to transport the at least one sheet between the printer mechanism and an exit end of the printer;

- wherein the printer includes an elongated ridge positioned between two elongated grooves which extend between the printer mechanism and the exit end of the printer, wherein at least two belts are positioned adjacent the grooves, wherein when a sheet is
15 moved between the printer mechanism and the exit end, the elongated ridge is operative to bow a central portion of the sheet upwardly and the belts are operative to a bend portions of the sheet adjacent the central portion into the grooves.

2. The machine according to claim 1, wherein the at least one belt includes a plurality of spaced apart projections which are operative to urge the sheet to move when the at least one belt moves.

3. The machine according to claim 1, further comprising a frame, wherein the cash dispenser is in operative connection with the frame, wherein the printer includes a fixed portion in rigid connection with the frame, wherein the printer includes a movable portion in movable connection with the fixed portion, wherein the movable portion includes the exit end of the printer.

4. The machine according to claim 3, further comprising a fascia, wherein the fascia includes at least one opening therethrough, wherein the fascia is operative to move between a closed position and an open position relative the frame, wherein when the fascia is moved between the open position and the closed position, the movable portion of the printer is operative to move the exit end into alignment with the at least one opening.

5. The machine according to claim 4, wherein the movable portion is operative to pivot with respect to the fixed portion.

6. The machine according to claim 5, wherein one of the fixed portion and the movable portion includes at least one pin, wherein the other one of the fixed portion or the movable portion includes at least one elongated slot, wherein the at least one pin is operative to pivot in

the at least one slot, wherein the at least one pin is operative to slide between opposite ends of the at least one slot, whereby the movable portion is operative to move the exit end in at least two dimensions.

7. The machine according to claim 6, wherein one of the fixed portion or the movable
5 portion includes at least two pins, wherein the other one of the fixed portion or the movable portion includes at least two elongated slots, wherein the slots include front ends and back ends, wherein the front ends of the slots are positioned closer to a front end of the printer than the back ends of the slots, wherein the movable portion is operative to move to a position in which a first one of the pins is positioned adjacent the front end of a first one of the slots and a second one of
10 the pins is positioned adjacent the back end of a second one of the slots.

8. The machine according to claim 4, wherein the fascia includes at least one guide adjacent the at least one opening through the fascia, wherein when the fascia moves between the opened and closed positions, the at least one guide is operative to contact the movable portion and urge the movable portion to move the exit end into alignment with the at least one opening through
15 the fascia.

9. A method comprising:

- a) printing indicia on a sheet with a printer mechanism of a printer of an automated banking machine, wherein the automated banking machine includes a cash dispenser;

b) moving the sheet in a first direction between the printer mechanism and an exit
end of the printer;

c) urging the sheet into a waffled shape, wherein the waffled shape of the sheet
includes a plurality of alternating troughs and ridges which extend parallel to
each other in generally the first direction.

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10. The method according to claim 9, wherein (b) includes moving at least one belt in
operative connection with the sheet.

11. The method according to claim 10, wherein (c) includes moving the sheet over a waffled
surface of the printer that includes an elongated ridge between two parallel grooves, wherein the
printer includes at least two belts positioned adjacent the grooves, wherein in (c) the elongated
ridge is operative to bow a central portion of the sheet upwardly and the belts are operative to a
bend portions of the sheet adjacent the central portion into the grooves.

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12. The method according to claim 10, wherein in (b) the at least one belt includes a
plurality of spaced apart projections, which are operative to urge the sheet to move when the at
least one belt moves.

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13. The method according to claim 9, wherein further comprising:

- d) urging a fascia of the automated banking machine to move from an open position to a closed position adjacent a frame of the automated banking machine;
- e) responsive to (d), aligning the exit end of the printer with an opening through the fascia, including moving the exit end relative the frame.

5 14. The method according to claim 13, wherein the printer includes a fixed portion in rigid connection with the frame, wherein the printer includes a movable portion in pivoting connection with the fixed portion, wherein the movable portion includes the exit end of the printer, wherein (e) includes pivoting the movable portion.

10 15. The method according to claim 14, wherein in (e) the movable portion moves in at least two dimensions with respect to the fixed portion.

16. The method according to claim 15, wherein in (e) the fascia includes at least one guide adjacent the opening through the fascia, wherein in (d) the guide contacts the movable portion, wherein (e) includes urging with the guide, the movable portion to move the exit end into alignment with the opening through the fascia.